

09862502\_CLS.txt  
Most frequently occurring classifications of patents returned  
from a search of 09862502 on Jun 26 , 2009

Original Classifications

2 356/600  
2 451/5

Cross-Reference Classifications

2 425/143  
2 451/8  
2 700/30  
2 425/174.2

Combined Classifications

3 425/143  
3 451/5  
2 264/40.6  
2 356/600  
2 219/110  
2 451/11  
2 451/8  
2 700/30  
2 425/174.2

Titles of most frequently occurring classifications of patents returned  
from a search of 09862502 on Jun 26 , 2009

3 425/143 (1 OR , 2 XR)  
Class 425 PLASTIC ARTICLE OR EARTHENWARE SHAPING OR TREATING:  
APPARATUS 425/135 .CONTROL MEANS RESPONSIVE TO OR ACTUATED BY MEANS SENSING OR  
DETECTING A CONDITION OR MATERIAL TRIGGERED  
425/143 ..Temperature control

3 451/5 (2 OR , 1 XR)  
Class 451 ABRADING  
451/1 .PRECISION DEVICE OR PROCESS - OR WITH CONDITION RESPONSIVE  
CONTROL 451/5 ..Computer controlled

2 264/40.6 (1 OR , 1 XR)  
Class 264 PLASTIC AND NONMETALLIC ARTICLE SHAPING OR TREATING:  
PROCESSES 264/40.1 .WITH MEASURING, TESTING, OR INSPECTING  
264/40.6 ..Controlling heat transfer with molding material

2 356/600 (2 OR , 0 XR)  
Class 356 OPTICS: MEASURING AND TESTING  
356/600 .SURFACE ROUGHNESS

2 219/110 (1 OR , 1 XR)  
Class 219 ELECTRIC HEATING  
219/50 .METAL HEATING (E.G., RESISTANCE HEATING)  
219/78.01 ..For bonding with pressure (e.g., resistance welding)  
219/108 ...Systems of current supply  
219/110 ....Controlled in response to current, voltage, or  
temperature

2 451/11 (1 OR , 1 XR)  
Class 451 ABRADING  
451/1 .PRECISION DEVICE OR PROCESS - OR WITH CONDITION RESPONSIVE  
CONTROL 451/11 ..with feeding of tool or work holder

2 451/8 (0 OR , 2 XR)  
Class 451 ABRADING  
451/1 .PRECISION DEVICE OR PROCESS - OR WITH CONDITION RESPONSIVE  
CONTROL 451/8 ..With indicating

2 700/30 (0 OR , 2 XR)  
Class 700 DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC  
APPLICATIONS 700/1 .GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS  
700/28 ..Optimization or adaptive control  
700/29 ...Having model  
700/30 ....Comparison with model (e.g., model reference)

2 425/174.2 (0 OR , 2 XR)  
Class 425 PLASTIC ARTICLE OR EARTHENWARE SHAPING OR TREATING:  
APPARATUS 425/174 .MEANS APPLYING ELECTRICAL OR WAVE ENERGY DIRECTLY TO WORK  
425/174.2 ..Sonic or supersonic wave energy

09862502\_EAST.txt

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5411686  
5023812  
5293216  
5352350  
5377106  
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4757101  
4785589  
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PLUS Search Results for S/N 09862502 Searched Jun 26, 2009.  
The Patent Linguistic Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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09862502\_QUAL.txt

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abstract 1  
access 2  
accesses 1  
accordingly 1  
achieved 1  
acid 2  
actually 4  
actuators 8  
address 8  
addresses 1  
advantage 2  
advantageous 3  
aforementioned 1  
aid 2  
alternative 2  
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amongst 1  
amount 1  
apparatus 1  
appropriate 4  
areas 1  
arranged 2  
ask 1  
automatically 1  
automation 1  
available 1  
based 2  
basis 9  
below 3  
between 2  
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block 1  
both 1  
broad 1  
bus 21  
but 7  
calculated 3  
call 1  
called 1  
can 6  
case 9  
cases 1  
certain 1  
chosen 1  
claims 1  
close 1  
combating 2  
commands 1  
communication 3  
complex 1  
component 2  
components 5  
computer 4  
conducted 1  
connect 1  
connected 5  
container 1  
containers 2  
containing 1  
contains 2  
context 3  
control 35

controllers 1  
controlling 1  
converter 3  
converts 1  
costs 3  
counted 7  
counts 1  
crucial 1  
customer 20  
customers 8  
cycle 1  
cycles 1  
cyclically 4  
damage 2  
data 34  
database 8  
databus 1  
dbl 4  
dbs 2  
dependent 1  
description 1  
detail 3  
determine 4  
development 2  
developments 1  
diagram 1  
different 1  
digitized 2  
directly 2  
disadvantages 1  
display 1  
distributed 2  
divided 1  
drawing 1  
easily 1  
effected 2  
either 1  
end 28  
enquiry 1  
entire 2  
essentially 1  
etc 1  
even 1  
example 5  
examples 3  
exemplary 1  
explained 3  
factor 1  
fashion 1  
faulty 1  
fbs 2  
field 19  
fieldbus 2  
filling 1  
first 2  
flow 8  
following 1  
forest 3  
form 1  
forward 1  
forwarded 2  
foundation 1  
fourth 1

frequency 1  
fuel 2  
functions 1  
fundamental 2  
gages 2  
gas 2  
groups 1  
gsm 2  
hart 1  
his 1  
identify 1  
iec 1  
illustration 1  
importance 1  
individual 1  
inexpensively 2  
influence 1  
information 1  
infrequently 1  
instead 1  
integrated 1  
interested 1  
interface 2  
internationally 1  
internet 6  
intervals 3  
itself 2  
known 2  
level 3  
likewise 6  
lime 2  
limited 1  
line 12  
link 4  
linked 1  
liquid 5  
location 1  
longer 3  
made 1  
manipulation 2  
manner 1  
manufacturer 9  
many 1  
mass 3  
master 1  
may 4  
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measurement 1  
memory 2  
meters 1  
method 13  
more 3  
must 1  
mwa 2  
namely 3  
needs 2  
number 13  
object 2  
obtained 1  
obtains 1  
occupy 1  
one 5  
only 6



open 1  
operate 1  
operating 1  
operations 9  
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others 1  
over 6  
particular 4  
pass 2  
passed 1  
pay 2  
pays 4  
performed 1  
permits 1  
pick 2  
pipeline 6  
place 3  
plant 3  
plants 1  
pls 12  
plurality 4  
premises 1  
pressure 5  
principle 2  
process 48  
processed 1  
production 4  
profibus 2  
propellant 2  
protection 1  
protocols 1  
provider 1  
providing 4  
purpose 1  
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rain 2  
rather 5  
react 1  
receive 1  
receiver 4  
recently 1  
record 2  
recorded 3  
regulate 2  
regulating 1  
relates 1  
relating 1  
reliable 1  
request 4  
require 2  
requires 6  
responds 1  
response 1  
retrieves 1  
room 1  
same 2  
scatter 1  
scattered 1  
schematic 1  
scope 1  
second 1  
section 3  
send 1

sender 1  
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sensor 30  
sensors 8  
sent 5  
set 1  
short 1  
shown 3  
shows 2  
signal 1  
simple 1  
slave 1  
sold 1  
space 1  
specific 1  
specified 1  
specify 1  
standardized 1  
standards 1  
step 4  
steps 1  
stored 7  
stores 1  
subscriber 1  
subscribers 1  
supplied 2  
supplies 2  
supports 1  
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systems 2  
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takes 2  
tank 1  
tanks 2  
technique 2  
telegram 6  
temperature 7  
them 1  
things 1  
third 1  
though 1  
through 1  
time 3  
today 1  
too 1  
transfers 1  
transmission 16  
transmissions 3  
transmits 1  
transmitted 7  
transmitter 10  
transmitters 7  
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uniquely 1  
unit 6  
used 6  
uses 2  
using 9  
usually 1  
value 28  
values 23  
valve 2  
valves 2

09862502\_WDS.txt

variable 6  
variables 1  
via 5  
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way 5  
widely 2  
works 1  
worth 1

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